

Converting Colors

XYZ(60.5031, 56.8759, 78.4070)

Have a look what the booklet for
XYZ(60.5031, 56.8759, 78.4070)
contains.

XYZ(60.4833, 56.9604, 78.3277) 3

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Color

**XYZ(60.4833, 56.9604,
78.3277)**

Conversions

Conversions Part 1	
Format	Color
Hex	D9BEE0
RGB	217, 190, 224
RGB Percent	85%, 75%, 88%
CMY	0.1490, 0.2549, 0.1216
CMYK	0.03, 0.15, 0.00, 0.12
HSL	288°, 35%, 81%
HSV	288°, 15%, 88%
XYZ	60.4833, 56.9604, 78.3277
YIQ	201.9490, 5.1780, 16.2980

Conversions

Conversions Part 2

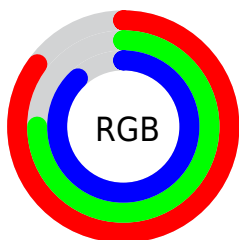
Format	Color
RYB	217, 190, 224
Decimal	14270176
CIELab	80.16, 15.60, -13.42
CIELCh	80, 20.572, 319.296
Yxy	56.9604, 0.3089, 0.2910
Android (android.graphics.Color)	4292460256 (0xFFD9BEE0)
YUV	201.9490, 10.8711, 13.1997
Hunter-Lab	75.4721, 10.9736, -8.7028

Details

The XYZ color **60.4833, 56.9604, 78.3277** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **58.9778, 68.9008, 58.9086**, and the grayscale version is **56.0408, 58.9592, 64.2066**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **31.0074, 28.4373, 41.3908** is the 20% darker color. If you saturate the color by 10%, you get **54.6484, 47.2964, 76.7708**, and if you desaturate by 10%, it is **67.1056, 68.1402, 80.1374**.

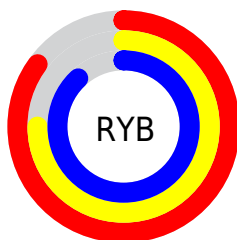
Distribution



Red (85%)

Green (75%)

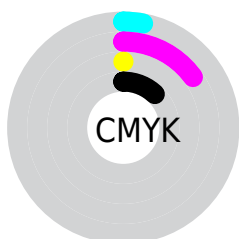
Blue (88%)



Red (85%)

Yellow (75%)

Blue (88%)

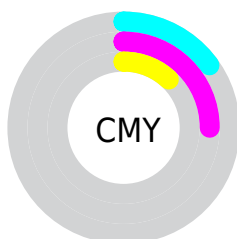


Cyan (3%)

Magenta (15%)

Yellow (0%)

Black (12%)



Cyan (15%)

Magenta (25%)


Yellow (12%)


Brightness & Saturation

Gradients


These gradients show how the XYZ color 60.4833, 56.9604, 78.3277 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 60.4833, 56.9604, 78.3277 by changing the saturation by 10% instead.


 60.4833, 56.9604,
78.3277

 60.4833, 56.9604,
78.3277


416.1832,
413.3009, 508.8364

 44.0593, 40.9734,
57.8252


 104.6328,
100.4074, 132.8020

 30.9152, 28.2983,
41.2543


133.0890,
128.6362, 167.6109

 20.6858, 18.5507,
28.1967


166.2865,
161.7145, 208.0257

 13.0057, 11.3461,
18.2336

204.5909,
200.0266, 254.4649

 7.5095, 6.3001,
10.9467

248.3674,
243.9569, 307.3470

 3.8319, 3.0284,
5.9173


297.9814,


 1.6075, 1.1466,


293.8897, 367.0906


2.7269


353.7982,
350.2096, 434.1142


 0.3973, 0.0174,
0.9569

 0.0000, 0.0000,
0.0000

 60.4833, 56.9604,
78.3277


 60.4833, 56.9604,
78.3277


 54.6484, 47.2964,
76.7708


 67.1056, 68.1402,
80.1374


 49.5614, 39.0730,
75.4516

 74.5421, 80.8922,
82.2069


 45.1873, 32.2191,
74.3592


 82.1173, 93.8638,
84.3114


 41.4858, 26.6552,
73.4803


 83.6243, 94.6407,
84.3819


 38.4127, 22.2929,
72.8003


 85.1708, 95.4379,
84.4543


 35.9181, 19.0331,
72.3026


 86.7570, 96.2557,
84.5285


 33.9439, 16.7602,
71.9679

 88.3834, 97.0941,
84.6046

 32.4193, 15.3328,
71.7728

 90.0501, 97.9533,
84.6826

 31.7878, 14.8329,
71.7096

 90.4547, 98.1619,
84.7016

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.8470, 56.9604, 86.4620



60.4833, 56.9604, 78.3277



62.4529, 56.9604, 66.4077

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.4833, 56.9604, 78.3277



55.6502, 56.9604, 41.9881



46.8815, 56.9604, 69.9666

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60.4833, 56.9604, 78.3277



58.9778, 68.9008, 58.9086

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.5980, 56.9604, 57.8303



60.4833, 56.9604, 78.3277



51.5187, 56.9604, 42.6822

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.4833, 56.9604, 78.3277



59.5684, 56.9604, 46.1126



48.2549, 56.9604, 48.1494



49.0503, 56.9604, 81.2206

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.4833, 56.9604, 78.3277



62.4907, 56.9604, 58.3649



48.2549, 56.9604, 48.1494



46.5669, 56.9604, 65.8250

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.4850, 56.9628, 78.3289



90.1574, 91.6387, 107.5440



54.7416, 56.4307, 78.5289



19.1550, 19.3722, 22.9796



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.4850, 56.9628, 78.3289



78.7233, 72.3815, 104.4296



61.3401, 57.5504, 71.7410



14.0042, 13.7857, 17.3105



18.6003, 8.6841, 41.7442



1.3598, 0.6383, 2.8968

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.2339, 56.7079, 60.6496



76.7920, 72.0008, 76.5580



58.2753, 68.4129, 64.5551



13.8221, 13.7465, 14.8333



18.2151, 9.3530, 2.5325



1.2949, 0.6612, 0.3458

Previews

White Background



This preview shows how the XYZ color 60.4833, 56.9604, 78.3277 looks on a white background.

Color Contrast Check

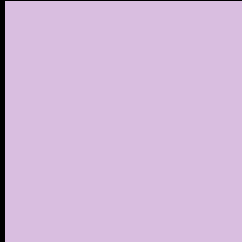
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 60.4833, 56.9604, 78.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

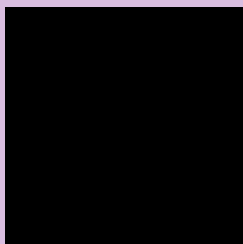
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4833, 56.9604, 78.3277

Background



This preview shows how black text looks on a background with the XYZ color 60.4833, 56.9604, 78.3277.



This preview shows how white text looks on a background with the XYZ color 60.4833, 56.9604,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

60.4833, 56.9604, 78.3277

Protanopia

56.1014, 56.9271, 82.1599

Deuteranopia

58.3432, 57.1767, 77.7732



Tritanopia

58.4795, 57.1411, 67.6216

Trichromacy



Original Color
60.4833, 56.9604, 78.3277

Protanomaly
57.5140, 56.6862, 80.5833

Deuteranomaly
59.2532, 57.3165, 77.7523

Tritanomaly
59.3061, 57.1532, 71.5242

Monochromacy



Original Color
60.4833, 56.9604, 78.3277

Achromatopsia
56.1383, 59.0619, 64.3184

Achromatomaly
57.5591, 58.3067, 69.1934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4833, 56.9604, 78.3277 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(217, 190, 224) looks like.

```
.text, #text, p{  
    color:rgb(217, 190, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 190, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 190, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.4833, 56.9604, 78.3277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 190, 224) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(217, 190, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(217, 190, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 190, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 190, 224);  
box-shadow:4px 4px 4px 4px rgb(217, 190,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4833, 56.9604, 78.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 190, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
190, 224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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